Author Index

Abriel, H., Katz, U., Kučera, P.: Ion Transport across the Early Chick Embryo: II. Characterization and pH Sensitivity of the Transembryonic Short-Circuit Current 159
Abriel, H., *see* Kučera, P., et al. 149
Ambudkar, I.S., *see* Lockwich, T.P., et al. 289
Anderton, P.J., *see* Le Dain, A.C., et al. 239
Angelo, S., Devés, R.: Amino Acid Transport System y^+L of Human Erythrocytes: Specificity and Cation Dependence of the Translocation Step 183
Argent, B.E., *see* Sohma, Y., et al. 69
Ashford, M.L.J., *see* Reale, V., et al. 101
Bashford, C.L., *see* Rostovtseva, T.K., et al. 83
Beck, J.S., *see* Park, K.-P., et al. 193
Binder, H.J., *see* Rajendran, V.M. 51
Blank, M.E., *see* Hoefner, D.M., et al. 91
Brock, T.G., Nagaprakash, K., Margolis, D.I., Smolen, J.E.: Modeling Degranulation with Liposomes: Effect of Lipid Composition on Membrane Fusion 139
Brown, P.D., *see* Park, K.-P., et al. 193
Butterweck, A., Gergs, U., Elfgang, C., Willecke, K., Traub, O.: Immunochemical Characterization of the Gap Junction Protein Connexin45 in Mouse Kidney and Transfected Human HeLa Cells 247
Cherny, V.V., *see* DeCoursey, T.E. 203
Cooper, C.E., *see* Sharpe, M.A., et al. 21
Cremaschi, D., Porta, C.: Hydrochlorothiazide Enhances the Apical Cl^- Backflux in Rabbit Gallbladder Epithelium: Radiochemical Analysis 29
Davis, B.M., *see* Hoefner, D.M., et al. 91
Debin, J.A., Wood, M.R., Pfenninger, K.H., Strichartz, G.R.: A Chloride Channel Reconstituted from Fetal Rat Brain Growth Cones 7
DeCoursey, T.E., Cherny, V.V.: Voltage-activated Hydrogen Ion Currents 203
Delius, M., *see* Gambihler, S., et al. 267
Devés, R., *see* Angelo, S. 183
Diedrich, D.F., *see* Hoefner, D.M. et al. 91
Douglas, I.J., *see* Park, K.-P., et al. 193
Elfgang, C., *see* Butterweck, A., et al. 247
Ellwart, J.W., *see* Gambihler, S., et al. 267
Gambihler, S., Delius, M., Ellwart, J.W.: Permeabilization of the Plasma Membrane of L1210 Mouse Leukemia Cells Using Lithotripter Shock Waves 267
Gergs, U., *see* Butterweck, A., et al. 247
González-Sepúlveda, M., Nuñez, M.T.: Arginyl Residues Are Involved in the Transport of Fe^{2+} through the Plasma Membrane of the Mammalian Reticulocyte 225
Gray, M.A., *see* Sohma, Y., et al. 69
Hales, C.N., *see* Reale, V., et al. 101
Harris, A., *see* Sohma, Y., et al. 69
Hoefner, D.M., Blank, M.E., Davis, B.M., Diedrich, D.F: Band 3 Antagonists, *p*-Azidobenzylphlorizin and DIDS, Mediate Erythrocyte Shape and Flexibility Changes as Characterized by Digital Image Morphometry and Microfiltration 91
Homann, U., Thiel, G.: Cl^- and K^+ Channel Currents during the Action Potential in *Chara*. Simultaneous Recording of Membrane Voltage and Patch Currents 297
Hui, S.W., *see* Stoicheva, N.G. 177
Hussain, M., Wareham, A.C.: Rundown and Reactivation of ATP-sensitive Potassium Channels (K_{ATP}) in Mouse Skeletal Muscle 257
Inesi, G., Sagara, Y.: Specific Inhibitors of Intracellular Ca^{2+} Transport ATPases 1
Katz, U., *see* Abriel, H., et al. 159
Katz, U., *see* Kučera, P., et al. 149
Kelly, M.E.M., *see* Tao, Q., et al. 123
Kim, I.H., *see* Lockwich, T.P., et al. 289
Kravitz, E.A., *see* Worden, M.K., et al. 167
Kučera, P., Abriel, H., Katz, U.: Ion Transport across the Early Chick Embryo: I. Electrical Measurements, Ionic Fluxes and Regional Heterogeneity 149
Kučera, P., *see* Abriel, H., et al. 159
Le Dain, A.C., Anderton, P.J., Martin, D.K., Miller, T.J.: A Tetraethylammonium-insensitive Inward Rectifier K^+ Channel in Müller Cells of the Turtle (*Pseudemys scripta elegans*) retina 239
Lev, A.A., *see* Rostovtseva, T.K., et al. 83
Lieberman, M., *see* Liu, S., et al. 59
Liu, S., Stimers, J.R., Lieberman, M.: A Novel Cl^- Conductance in Cultured Chick Cardiac Myocytes: Role of Intracellular Ca^{2+} and cAMP 59
Lockwich, T.P., Kim, I.H., Ambudkar, I.S.: Temperature-dependent Modification of Divalent Cation Flux in the Rat Parotid Gland Basolateral Membrane 289
Margolis, D.I., *see* Brock, T.G., et al. 139
Martin, D.K., *see* Le Dain, A.C., et al. 239
Millar, T.J., *see* Le Dain, A.C., et al. 239
Mironov, S.L.: Monovalent Amidiniums Block Calcium Channels in Chick Sensory Neurons 231
Nagaprakash, K., *see* Brock, T.G., et al. 139
Nuñez, M.T., *see* González-Sepúlveda, M. 225
Park, K.-P., Beck, J.S., Douglas, I.J., Brown, P.D.: Ca^{2+}-activated K^+ Channels Are Involved in Regulatory Volume Decrease in Acinar Cells Isolated from the Rat Lacrimal Gland 193
Pasternak, C.A., *see* Rostovtseva, T.K., et al. 83
Pfenninger, K.H., *see* Debin, J.A., et al. 7
Porta, C., *see* Chremaschi, D. 29
Prins, H.B.A., *see* Vogelzang, S.A. 113
Rafuse, P.E., *see* Tao, Q., et al. 123
Rahamimoff, R., *see* Worden, M.K., et al. 167
Rajendran, V.M., Binder, H.J.: Apical Membrane Cl-Butyrate Exchange: Mechanism of Short Chain Fatty Acid Stimulation of Active Chloride Absorption in Rat Distal Colon 51
Reale, V., Hales, C.N., Ashford, M.L.J.: Nucleotide Regulation of a Calcium-activated Cation Channel in the Rat Insulinoma Cell Line, CRI-G1 101
Rostovtseva, T.K., Bashford, C.L., Lev, A.A., Pasternak, C.A.: Triton Channels Are Sensitive to Divalent Cations and Protons 83
Sagara, Y., *see* Inesi, G. 1
Sakai, O., *see* Suzuki, M., et al. 43
Sharpe, M.A., Cooper, C.E., Wrigglesworth, J.M.: Transport of K^+ and Other Cations across Phospholipid Membranes by Nonesterified Fatty Acids 21
Smolen, J.E., *see* Brock, T.G., et al. 139
Sohma, Y., Harris, A., Wardle, C.J.C., Gray, M.A., Argent, B.E.: Maxi K^+ Channels on Human Vas Deferens Epithelial Cells 69
Stimers, J.R., *see* Liu, S., et al. 59
Stoicheva, N.G., Hui, S.W.: Electrically Induced Fusion of Mammalian Cells in the Presence of Polyethylene Glycol 177
Strichartz, G.R., *see* Debin, J.A., et al. 7
Suzuki, M., Takahashi, K., Sakai, O.: Regulation by GTP of a Ca^{2+}-activated K^+ Channel in the Apical Membrane of Rabbit Cortical Collecting Duct Cells 43
Takahashi, K., *see* Suzuki, M., et al. 43
Tao, Q., Rafuse, P.E., Kelly, M.E.M.: Potassium Currents in Cultured Rabbit Retinal Pigment Epithelial Cells 123
Thiel, G., *see* Homann, U. 297
Traub, O., *see* Butterweck, A., et al. 247
Vogelzang, S.A., Prins, H.B.A.: Patch Clamp Analysis of the Dominant Plasma Membrane K^+ Channel in Root Cell Protoplasts of *Plantago media* L. Its Significance for the P and K State 113
Wardle, C.J.C., *see* Sohma, Y., et al. 69
Wareham, A.C., *see* Hussain, M. 257
Willecke, K., *see* Butterweck, A., et al. 247
Willis, J.S., *see* Xu, W. 277
Wood, M.R. *see* Debin, J.A., et al. 7
Worden, M.K., Rahamimoff, R., Kravitz, E.A.: A Voltage-sensitive Cation Channel Present in Clusters in Lobster Skeletal Muscle Membrane 167
Wrigglesworth, J.M., *see* Sharpe, M.A., et al. 21
Xu, W., Willis, J.S.: Sodium Transport through the Amiloride-sensitive Na-Mg Pathway of Hamster Red Cells 277